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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

Application Number.: 10/016,518
 Filing Date: November 1, 2001
 First Named Inventor: William J. Goetzinger
 Art Unit: 2661
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920010199US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
		Number - Kind Code ² (if known)			
N.N		US 6,721,325 B1	04/13/2004	Brent G. Duckering et al	
N.N		US 6,810,012 B1	10/26/2004	Nanying Yin et al	
N.N		US2002/0023168A1	02/21/2002	Brian Mitchell Bass et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶
		Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)				

Examiner Signature		Date Considered	8/19/2005
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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Sheet E1 of 1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Sheet 1 of 4

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NN	AA	US -5249184A	09/28/1993	Karen L. Woeste et al	
	AB	US -5490141A	02/06/1996	Fuyung Lai et al	
	AC	US -5548590A	08/20/1996	Robert H. Grant et al	
	AD	US -5742772A	04/21/1998	Cormac J. Sreenan	
	AE	US -5831971A	11/03/1998	Flavio Bonomi et al	
	AF	US -5844890A	12/01/1998	Gary Scott Delp et al	
	AG	US -5926459A	07/20/1999	J. Bryan Lyles et al	
	AH	US -5926481A	07/20/1999	Chi-Lung Wang et al	
	AI	US - 5946297A	08/31/1999	Jean Calvignac et al	
	AI	US - 5999963A	12/07/1999	John Louis Bruno et al	

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NN	AK	EP0859492A2	08/19/1998	Duffield et al		X
	AL	EP0957602A2	11/17/1999	Darrin Nagy		X
	AM	EP1049352A2	11/02/2000	Goudreau et al		X
	AN	JP2000183886A	06/30/2000	Yamashita	Abstract Only	
	AQ	JP2000295247A	10/20/2000	Goudreau et al	Abstract Only	
NN	AP	JP2001007822A	12/20/2000	Cavendish et al	Abstract Only	

Examiner Signature	<i>William Goetzinger</i>	Date Considered	8/19/2005
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published.	T ²
NN	AQ	U.S. Patent Application Serial No. 10/102,166 filed March 20, 2002, "Method and Apparatus for Improving the Fairness of New	
		Attaches to a Weighted Fair Queue in a Quality of Service (QoS) Scheduler"	
	AR	Abstract of Publication entitled "Design of packet-fair queuing schedulers using a RAM-based searching engine"	
NN		by HJ Chao et al, IEEE Journal on Selected Areas in Communications, Vol. 17, No. 6, pp. 1105-1126, June 1999	

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NN	BA	US -6028842A	02/22/2000	Alan Chapman et al	
	BB	US -6028843A	02/22/2000	Gary Delp et al	
	BC	US -6064650A	05/16/2000	Christopher Kappler et al	
	BD	US -6064677A	05/16/2000	Christopher Kappler et al	
	BE	US -6072772A	06/06/2000	Anna Charny et al	
	BF	US -6078953A	06/20/2000	Aseem Vaid et al	
NN	BG	US -6081507A	06/27/2000	Hung-Hsiang Chao et al	

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶
NN	BH	WO99/35792A1	07/15/1999	Anna Charny et al		X
	BI	WO99/53647A2	10/21/1999	Nigel T. Poole et al		X
	BJ	WO99/53648A2	10/21/1999	Cary B. Robins et al		X
	BK	WO01/20876A1	03/22/2001	Kent D. Benson et al		X
	BL	EP0989770A1	03/29/2000	Chugo et al		X
NN	BM	EP1061763A2	12/20/2000	Cavendish		X

Examiner Signature	<i>[Signature]</i>	Date Considered	8/19/2005
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Application Number.: 10/016,518
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 Examiner Name: Unassigned
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Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
WN	CA	US - 6092115A	07/18/2000	Abhijit Choudhury et al	
	CB	US - 6094435A	07/25/2000	Don Hoffman et al	
	CC	US - 6101193A	08/08/2000	Yoshihiro Ohba	
	CD	US - 6104700A	08/15/2000	Stephen Haddock et al	
	CE	US - 6108307A	08/22/2000	Stephen McConnell et al	
	CF	US - 6157614A	12/05/2000	Eliezer Pasternak et al	
	CG	US - 6157649A	12/05/2000	Kenneth Peirce et al	
	CH	US - 6169740B1	01/02/2001	Todd Morris et al	
	CI	US - 6188698B1	02/13/2001	Claude Galand et al	
	CJ	US - 6226267B1	05/01/2001	Barry Spinney et al	
✓	CK	US - 6229812B1	05/08/2001	Bidyut Parruck et al	
WN	CL	US - 6236647B1	05/22/2001	Carlo Amalfitano	

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Examiner Signature	<i>Wm Goetzinger</i>	Date Considered	8/19/2005
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U.S. Department of Commerce, Patent and Trademark Office 					Docket No.: ROC920010199US1		Serial No.: 10/016,518	
LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)					Applicant(s): William John Goetzinger et al.			
					Filing Date: 11/01/01		Group: 2661	

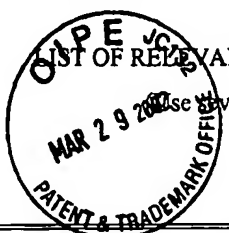
U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
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	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
AL								
AM								
AN								
AO								
AP								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
NN ↓ NN	AR AS AT	U.S. Patent Application Serial No. 10/015,994, filed November 1, 2001, titled "Weighted Fair Queue Serving Plural Output Ports" U.S. Patent Application Serial No. 10/015,760, filed November 1, 2001, titled "Weighted Fair Queue Having Adjustable Scaling Factor" U.S. Patent Application Serial No. 10/002,085, filed November 1, 2001, titled "Empty Indicators for Weighted Fair Queues"

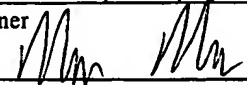
Examiner <i>MM MM</i>	Date Considered <i>8/14/2005</i>
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U.S. Department of Commerce, Patent and Trademark Office <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> RECEIVED APR 03 2002 </div> </div>					Docket No.: ROC920010199US1		Serial No.: 10/016,518	
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*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
NN	AR	U.S. Patent Application Serial No. 10/004,373, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Peak Service Distance Using Next Peak Service Time Violated Indication"
1	AS	U.S. Patent Application Serial No. 10/002,416, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service with Aging Time Stamps"
NN	AT	U.S. Patent Application Serial No. 10/004,440, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service with Cached Status Array"
Examiner 		Date Considered 4/19/2005

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U.S. Department of Commerce, Patent and Trademark Office <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> RECEIVED APR 03 2002 </div> </div>					Docket No.: ROC920010199US1		Serial No.: 10/016,518	
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	AB						
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	AD						
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Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
NN	AR	U.S. Patent Application Serial No. 10/004,217, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service Anticipating the End of a Chain of Flows"
	AS	
	AT	

Examiner <i>MM/Mh</i>	Date Considered <i>8/19/2005</i>
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